

Project Title	Funding	Strategic Plan Objective	Institution
Whole-genome sequencing for rare highly penetrant gene variants in schizophrenia	\$1,461,725	Q3.L.B	Duke University
Whole-exome sequencing to identify causative genes for autism	\$175,000	Q3.L.B	University of California, San Diego
Unraveling the genetic etiology of autism	\$500,900	Q3.L.B	Vanderbilt University
Understanding glutamate signaling defects in autism spectrum disorders	\$0	Q3.L.B	Johns Hopkins University
Uncovering genetic mechanisms of ASD	\$127,500	Q3.L.B	Children's Hospital Boston
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center
The role of the neurexin 1 gene in susceptibility to autism	\$127,500	Q3.L.B	Massachusetts General Hospital/Harvard Medical School
The role of retrotransposons in autism spectrum disorders	\$2,078,635	Q3.L.B	Johns Hopkins University
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$464,601	Q3.L.B	Johns Hopkins University School of Medicine
The impact of autism specific genomic variations on microRNA gene expression profile	\$0	Q3.L.B	The Hospital for Sick Children
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$187,500	Q3.L.B	Princeton University
Simons Simplex Collection Site	\$117,339	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection Site	\$360,484	Q3.L.B	The Research Institute of the McGill University Health Centre
Simons Simplex Collection Site	\$495,394	Q3.L.B	Emory University
Simons Simplex Collection Site	\$512,224	Q3.L.B	University of Missouri
Simons Simplex Collection Site	\$514,837	Q3.L.B	Yale University
Simons Simplex Collection Site	\$869,988	Q3.L.B	Columbia University
Simons Simplex Collection Site	\$135,000	Q3.L.B	Vanderbilt University
Simons Simplex Collection Site	\$483,393	Q3.L.B	Children's Hospital Boston
Simons Simplex Collection Site	\$445,508	Q3.L.B	University of Washington
Simons Simplex Collection Site	\$478,332	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$457,644	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$1,493,572	Q3.L.B	University of Michigan
Simons Simplex Collection	\$130,856	Q3.L.B	Baylor College of Medicine
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$83,403	Q3.L.B	Massachusetts General Hospital
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Recessive genes for autism and mental retardation	\$148,856	Q3.L.B	Beth Israel Deaconess Medical Center
Potential role of non-coding RNAs in autism	\$0	Q3.L.B	Children's Mercy Hospitals And Clinics

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Population genetics to improve homozygosity mapping and mapping in admixed groups	\$45,590	Q3.L.B	Harvard Medical School
Pathway-based genetic studies of autism spectrum disorder	\$34,437	Q3.L.B	University of Pennsylvania
Molecular and genetic epidemiology of autism	\$1,186,466	Q3.L.B	University of Miami Miller School of Medicine
Linking autism and congenital cerebellar malformations	\$0	Q3.L.B	University of Chicago
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	\$0	Q3.L.B	Massachusetts General Hospital
Investigation of DUF1220 domains in human brain function and disease (supplement)	\$79,369	Q3.L.B	University of Colorado Denver
Investigation of DUF1220 domains in human brain function and disease	\$352,794	Q3.L.B	University of Colorado Denver
Integrative genetic analysis of autistic brains	\$400,000	Q3.L.B	Johns Hopkins University School of Medicine
Illumina, Inc.	\$1,275,994	Q3.L.B	Illumina, Inc.
Identifying and understanding the action of autism susceptibility genes	\$0	Q3.L.B	University of Oxford
Identification and functional characterization of gene variants	\$0	Q3.L.B	Universita Campus Bio-Medico di Roma
Hypocholesterolemic autism spectrum disorder	\$126,671	Q3.L.B	National Institutes of Health
Human autism genetics and activity dependent gene activation	\$2,639,516	Q3.S.A	Children's Hospital Boston
Genomic profiling and functional mutation analysis in autism spectrum disorders	\$1,061,929	Q3.S.A	Yale University
Genomic imbalances in autism	\$50,000	Q3.L.B	University of Chicago
Genomic hotspots of autism	\$588,027	Q3.L.B	University of Washington
Genome-wide association study of autism characterized by developmental regression	\$127,458	Q3.L.B	Cincinnati Children's Hospital Medical Center
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,248	Q3.L.B	Brown University
Genetic epidemiology of complex traits	\$770,313	Q3.L.B	National Institutes of Health
Genetic basis of autism	\$6,625,251	Q3.L.B	Cold Spring Harbor Laboratory
Genes disrupted by balanced genomic rearrangements in autism spectrum disorders	\$307,842	Q3.L.B	Massachusetts General Hospital
Gene expression profiling of autism spectrum disorders	\$0	Q3.L.B	Children's Hospital Boston
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$90,000	Q3.Other	University of California, Los Angeles
Finding recessive genes for autism spectrum disorders	\$186,825	Q3.L.B	Children's Hospital Boston
Finding autism genes by genomic copy number analysis	\$582,867	Q3.S.A	Children's Hospital Boston

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Dissecting epistasis and pleiotropy in autism towards personalized medicine	\$2,317,500	Q3.S.A	University of California, San Francisco
Dense mapping of candidate regions linked to autistic disorder	\$848	Q3.L.B	Feinstein Institute For Medical Research
Deep sequencing of autism candidate genes in 2000 families from the Simons Simplex Collection	\$1,395,339	Q3.S.A	Cold Spring Harbor Laboratory
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$764,847	Q3.L.B	Emory University
Comprehensive follow-up of novel autism genetic discoveries	\$0	Q3.L.B	Massachusetts General Hospital
Biological correlates of altered brain growth in autism	\$975,783	Q3.S.A	Yale University
Autism Genome Project (AGP)	\$600,000	Q3.L.B	Autism Speaks (AS)
A recurrent genetic cause of autism	\$400,000	Q3.L.B	Massachusetts General Hospital
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$0	Q3.L.B	Baylor College of Medicine
A molecular genetic study of autism and related phenotypes in extended pedigrees (supplement)	\$99,600	Q3.S.A	University of North Carolina at Chapel Hill
A molecular genetic study of autism and related phenotypes in extended pedigrees	\$582,231	Q3.S.A	University of North Carolina at Chapel Hill
A history of behavioral genetics	\$66,171	Q3.Other	University of Pittsburgh
A genome-wide search for autism genes in the Simons Simplex Collection	\$3,896,750	Q3.L.B	Yale University
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$28,000	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,823,814	Q3.L.B	University of California, Los Angeles
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$357,789	Q3.L.B	University of California, San Diego
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$334,470	Q3.L.B	Yale University
ACE Center: Imaging autism biomarkers + risk genes	\$219,925	Q3.Other	University of California, San Diego
5/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$2,718,190	Q3.S.A	Vanderbilt University
4/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$725,893	Q3.S.A	University of Pennsylvania
3/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$840,464	Q3.S.A	Mount Sinai School of Medicine
2/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$1,723,105	Q3.S.A	Broad Institute
1/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$998,515	Q3.S.A	Baylor College of Medicine

